

Converting Colors

YIQ(47.7670, 26.5420, 25.5980)

Have a look what the booklet for
YIQ(47.7670, 26.5420, 25.5980)
contains.

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Color

**YIQ(47.7670, 26.5420,
25.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	59183E
RGB	89, 24, 62
RGB Percent	35%, 9%, 24%
CMY	0.6508, 0.9060, 0.7568
CMYK	0.00, 0.73, 0.30, 0.65
HSL	325°, 58%, 22%
HSV	325°, 73%, 35%
XYZ	5.3203, 3.1263, 4.8832
YIQ	47.7670, 26.5420, 25.5980

Conversions

Conversions Part 2

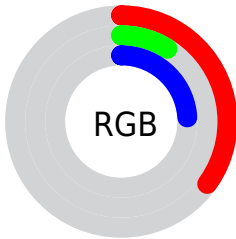
Format	Color
RYB	89, 24, 62
Decimal	5838910
CIELab	20.54, 33.75, -8.05
CIElCh	21, 34.701, 346.581
Yxy	3.1263, 0.3991, 0.2345
Android (android.graphics.Color)	4284028990 (0xFF59183E)
YUV	47.7670, 7.0169, 36.1613
Hunter-Lab	17.6812, 22.7687, -3.9980

Details

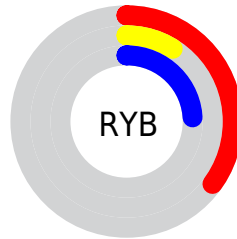
The YIQ color **47.7670, 26.5420, 25.5980** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **65.2330, -26.5420, -25.5980**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5500, 28.6510, 25.9230**, and **15.1370, 19.2080, 15.3360** is the 20% darker color. If you saturate the color by 10%, you get **42.0280, 30.3010, 29.0610**, and if you desaturate by 10%, it is **53.5060, 22.7830, 22.1350**.

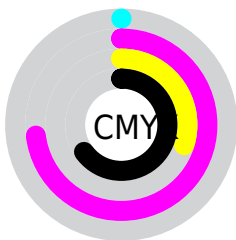
Distribution



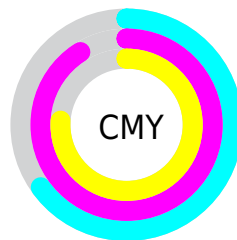
- Red (35%)
- Green (9%)
- Blue (24%)



- Red (35%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (73%)
- Yellow (30%)
- Black (65%)



- Cyan (65%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.7670, 26.5420, 25.5980 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 47.7670, 26.5420, 25.5980 by changing the saturation by 10% instead.

■ 47.7670, 26.5420,
25.5980

■ 47.7670, 26.5420,
25.5980

255.0000, -0.0000,
-0.0000

■ 23.6960, 25.3040,
26.0080

■ 97.8490, 29.2470,
26.1350

■ 15.1370, 19.2080,
15.3360

■ 123.4470, 30.4390,
26.5590

■ 0.0000, 0.0000,
0.0000

■ 150.0450, 31.6310,
26.9830

■ 176.7570, 32.5020,
27.7180

■ 204.7680, 33.9690,
28.6650

■ 224.3960, 17.2810,

22.7290

242.0860, 6.0500,
11.5060

47.7670, 26.5420,
25.5980

47.7670, 26.5420,
25.5980

42.0280, 30.3010,
29.0610

53.5060, 22.7830,
22.1350

36.4030, 33.7390,
32.8350

59.1310, 19.3450,
18.3610

32.5390, 36.3520,
35.0400

64.8700, 15.5860,
14.8980

70.6090, 11.8270,
11.4350

75.7610, 8.3430,
8.4950

■ 81.3860, 4.9050,
4.7210

■ 87.1250, 1.1460,
1.2580

■ 92.8640, -2.6130,
-2.2050

■ 98.4890, -6.0510,
-5.9790

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.1540, 3.3430, 22.0230



47.7670, 26.5420, 25.5980



45.8250, 37.8220, 19.4060

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.7670, 26.5420, 25.5980



45.7620, 14.6290, -17.3310



45.0240, -44.1060, -4.6340

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.7670, 26.5420, 25.5980



65.2330, -26.5420, -25.5980

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.9890, -36.9980, -12.3100



47.7670, 26.5420, 25.5980



39.9700, -9.6240, -23.8320

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.7670, 26.5420, 25.5980



47.0570, 30.2160, -7.9600



39.4380, -28.3770, -19.8730



44.1580, -47.1790, 1.5010

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.7670, 26.5420, 25.5980



46.5120, 39.8410, 10.3450



39.4380, -28.3770, -19.8730



44.2260, -41.8590, -6.8110

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.7670, 26.5420, 25.5980



99.0710, 10.4060, 9.6540



39.1840, -5.3690, 25.7270



48.8100, 6.6470, 6.1910



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.7670, 26.5420, 25.5980



50.9250, 41.2570, 39.7610



44.1190, 36.8140, 15.6460



40.5380, 1.4210, 1.7810



39.1750, 43.5490, 42.2770



85.8830, 96.0830, 92.4270

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.7670, 26.5420, 25.5980



50.9250, 41.2570, 39.7610



68.8810, -36.8140, -15.6460



40.5380, 1.4210, 1.7810



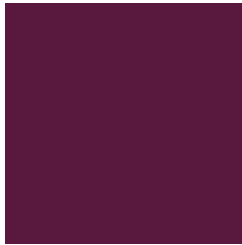
39.1750, 43.5490, 42.2770



85.8830, 96.0830, 92.4270

Previews

White Background



This preview shows how the YIQ color 47.7670, 26.5420, 25.5980 looks on a white background.

Color Contrast Check

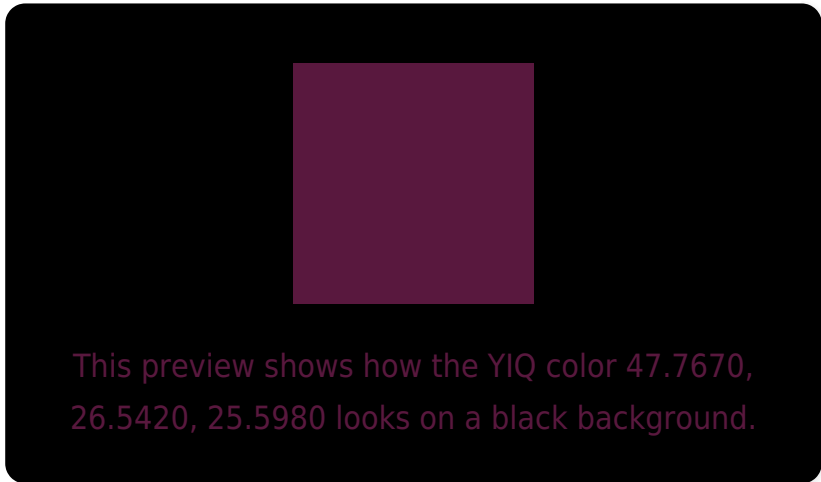
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

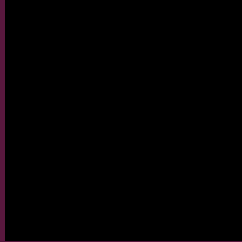
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 47.7670, 26.5420, 25.5980

Background



This preview shows how black text looks on a background with the YIQ color 47.7670, 26.5420, 25.5980.



This preview shows how white text looks on a background with the YIQ color 47.7670, 26.5420,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.7670, 26.5420, 25.5980

Protanopia

50.2450, -16.5070, 7.3090

Deuteranopia

51.6240, -1.6970, 3.2230



Tritanopia

48.6730, 32.1380, 12.2820

Trichromacy



Original Color

47.7670, 26.5420, 25.5980

Protanomaly

49.5460, -1.0570, 13.6550

Deuteranomaly

50.3420, 8.2050, 10.9970

Tritanomaly

48.3510, 30.3490, 17.1730

Monochromacy



Original Color

47.7670, 26.5420, 25.5980

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.7720, 9.8100, 9.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.7670, 26.5420, 25.5980 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(89, 24, 62)` looks like.

```
.text, #text, p{  
    color:rgb(89, 24, 62)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(89, 24, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 24, 62) }
```

Border

The CSS property to change the border of an element to YIQ 47.7670, 26.5420, 25.5980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 24, 62) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(89, 24, 62) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(89, 24, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 24, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 24, 62);  
box-shadow:4px 4px 4px 4px rgb(89, 24, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.7670, 26.5420, 25.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 24, 62) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(89, 24,  
62) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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